

# NR POLY 73

## Polyaspartic flooring



NR POLY 73 is a non-yellowing polyaspartic flooring paint that has high impact resistance, resistant to fading and less discoloration thanks to UV resistance. NR POLY 73 can be manually painted using brush and roller without corresponding spray equipment. It is resistant to scratching, abrasion, water, fast drying, long lasting and glossy, so it is suitable for floor coating topcoat.

### Usage

Paint for finishing concrete structures, interior flooring, etc.

### Specification

Paint type	Polyaspartic flooring (two-Component)					
Drying time	Category	5°C	20°C	30°C		
	Set-to-touch	-	3 hours	2 hours		
	Dry-through	-	12 hours	10 hours		
	Pot life	-	80 minutes	60 minutes		
	Above drying time have been measured under laboratory conditions and may vary depending on the construction site.					
Thinner	Not Applicable		Solid content (wt%)	Part A	Part A	Mixture
Specific gravity	approx. 1.0 (mixture)			87.7	65	76.3
Theoretical Coverage	0.4 kg/m² (0.3 mm)		Solid volume ratio	approx. 73%		
Color	Clear		Thickness of dried film	0.3 mm		
Mixing ratio	A / B = 1 / 1 (Volume ratio)		Packaging unit	7.58L [(A) 3.79L, (B) 3.79L]		
Shelf life	12 months (5~35°C indoor storage)					

### Product Properties (Physical Property Data)

Adhesion	600 (psi) (substrate ruptures)	Hardness	Shore D 75 ± 5
Density	Part A: 1.035 ± 0.02	Viscosity (cPs)	Part A: 130 ± 30
	Part B: 1.037 ± 0.02		Part B: 40 ± 15
	Mixture: 1.036 ± 0.02		Mixture: 80 ± 30
Tensile Strength	> 2000 (psi)	Tear Strength	> 35 (N/mm)
Abrasion Resistance	< 30 (mg) (ASTM D4060 CS17/1000cycles/1000g)	Elongation at break	50~100%
Flexibility	Pass (1/8" Mandrel, ASTM D1737)	VOC(g/L)	245 (Theoretical value)

Above physical properties have been measured under laboratory conditions and may vary depending on the construction site.

### How to Use

Surface treatment	1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 60%. 3. Remove the protruded parts using a grinder. Cracks on the surface should be repaired before coating.
Coating Conditions	1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less.
Coating Method	▷ Primer : Epoxy(It may vary depending on the substrate) ▷ Intermediate coating: Epoxy ▷ Top coat : Polyaspartic